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Electrolyte of solid state oxide fuel cell - has nickel-YSZ cermet raised, towards substrate side

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Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 10021933	A	19980123	JP 96169247	A	19960628	199817 B

Priority Applications (No Type Date): JP 96169247 A 19960628

Patent Details:

Patent No	Kind	Lat	Pg	Main IPC	Filing Notes
JP 10021933	A	4		H01M-004/86	

Abstract (Basic): JP 10021933 A

The electrode includes YSZ substrate (1) on front face of which Ni/YSZ cermet fuel pole (2) is formed. The content of YSZ in the fuel pole is raised, towards the substrate side.

ADVANTAGE - Improves operation efficiency of electrode. Enables to form electrode easily. Prevents reduction of property of electrode.

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Title Terms: ELECTROLYTIC; SOLID; STATE; OXIDE; FUEL; CELL; NICKEL; CERMET; FUEL; POLE; CONTENT; RAISE; SUBSTRATE; SIDE

Derwent Class: L03; X16

International Patent Class (Main): H01M-004/86

International Patent Class (Additional): C23C-014/08; C23C-014/22; H01M-004/88; H01M-008/02

File Segment: CPI; EPI

Manual Codes (CPI/A-N): L03-E04; L03-E04B

Manual Codes (EPI/S-X): X16-C; X16-E06